

ABSTRACT OF THE DISCLOSURE

Since no control of accesses made by a computer as accesses to a storage apparatus is executed, the computer can
5 be used illegally to steal and improperly change data stored in the storage apparatus. Thus, an access-control mechanism external to the computer is constructed to solve this problem. That is to say, the control of accesses is executed in the storage apparatus and a network apparatus for each program executed by
10 the computer. In order to enhance the implementability of such control of accesses, the control is executed without extending a variety of protocols of communications among the computer, the network apparatus and the storage apparatus. By implementing the control of accesses in this way, a program other
15 than programs specified in advance is not capable of making an access to data stored in the storage apparatus. Thus, even if the computer is used illegally, data stored in the storage apparatus can be prevented from being stolen and changed improperly.